

# List of All Chemicals

## P Parthenocissus quinquefolia (Vitaceae)

### Common name(s)

Woodbine; Five-leaf-ivy; Virginia-creeper; Amerika-zuta (Jap.); American-ivy

### How used

Medicinal

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Part	Low PPM	High PPM	StdDev	*Reference
ANTHOCYANIDIN	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
ANTHOCYANIN	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<b>Activities (3)</b>					
Antiviral					
Hemostat	Spring, M.A. 1988. Ethnopharmacologic Analysis of Medicinal Plants Used by Laotian Hmong Refugees in Minnesota. Journal of Ethnopharmacology, 26: 65-91, 1989.				
Pesticide					
CALCIUM-GLYCOLATE	Fruit	--	--		*
CALCIUM-TARTRATE	Fruit	--	--		*
CISSOTANNIC-ACID	Leaf	--	--		*
GLYCOLIC-ACID	Fruit	--	--		*
<b>Activities (4)</b>					
Cholesterolytic					
Diuretic	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.				
Hepatotonic	Fitoterapia No.5-1986.				
Irritant	Merck 11th Edition				
LEUCOANTHOCYANIDIN	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
MUCILAGE	Plant	--	--		*
<b>Activities (3)</b>					
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.				
Demulcent					
Hypocholesterolemic					
OXALIC-ACID	Fruit	--	20000.0	0.8	*
<b>Activities (9)</b>					
Acaricide					
Antiseptic					
CNS-Paralytic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
Fatal	Martindale's 29th				
Hemostatic	Merck 11th Edition				
Irritant					
Pesticide					
Renotoxic	Merck 11th Edition				
Varroacide					
POTASSIUM-TARTRATE	Fruit	--	--		*

PYROCATECHIN	Leaf	--	--	*
SODIUM-TARTRATE	Fruit	--	--	*
TANNIC-ACID	Leaf	--	--	*
<b>Activities (41)</b>				
Aldose-Reductase-Inhibitor IC50=1.8 ug/ml		Sawada, H., Hamatake, M., Hara, A., Nakagawa, M., Nakayama, T. 1989. Inhibition of Human Placenta Aldose Reductase by Tannic Acid. <i>Chem Pharm Bull</i> , 37(6): 1662-1664.		
Allergenic				
AntiHIV IC90=200 ug/ml		Tan, G.T., Pezzuto, J.M., Kinghorn,* A.D., Hughes, S.H. Evaluation Of Natural Products As Inhibitors Of Human Immunodeficiency Virus Type 1 (HIV-1) Reverse Transcriptase. <i>Journal of Natural Products</i> , 54(1): 143-154, 1991.		
Antianacarditic ( <i>Rhus</i> )				
Antibacterial				
Anticariogenic				
Anticolic				
Antidecubitic				
Antidermatotic				
Antidiarrheic				
Antidote For Heavy Metals		Merck 11th Edition		
Antidisenteric		Huang, K. C. 1993. <i>The Pharmacology of Chinese Herbs</i> . CRC Press, Boca Raton, FL 388 pp.		
Antiencephalitic		Vlietinck, A.J. and Dommisse, R.A. eds. 1985. <i>Advances in Medicinal Plant Research</i> . Wiss. Verlag. Stuttgart.		
Antienteric		Vlietinck, A.J. and Dommisse, R.A. eds. 1985. <i>Advances in Medicinal Plant Research</i> . Wiss. Verlag. Stuttgart.		
Antifeedant 2-4% diet				
Antigargantitic				
Antigingivitic				
Antihemorrhoidal		Martindale's 29th		
Antiherpetic				
Antimutagenic		Economic & Medicinal Plant Research, 6: 235.		
Antinitrosaminic				
Antiobesity (Antinutrient)		Huang, K. C. 1993. <i>The Pharmacology of Chinese Herbs</i> . CRC Press, Boca Raton, FL 388 pp.		
Antiphilic				
Antioxidant IC56=30 ppm				
Antipharyngitic				
Antipolio		Vlietinck, A.J. and Dommisse, R.A. eds. 1985. <i>Advances in Medicinal Plant Research</i> . Wiss. Verlag. Stuttgart.		
Antirhinitic				
Antiseptic		Williamson, E. M. and Evans, F. J., <i>Potter's New Cyclopaedia of Botanical Drugs and Preparations</i> , Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.		
Antistomatisic				
Antitonsilitic				
Antiulcer		Huang, K. C. 1993. <i>The Pharmacology of Chinese Herbs</i> . CRC Press, Boca Raton, FL 388 pp.		
Antiviral		Antiviral Research, 14: 323.		
Astringent		Williamson, E. M. and Evans, F. J., <i>Potter's New Cyclopaedia of Botanical Drugs and Preparations</i> , Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.		
Cytotoxic 15 ug				
Detoxicant		Huang, K. C. 1993. <i>The Pharmacology of Chinese Herbs</i> . CRC Press, Boca Raton, FL 388 pp.		
Emetic		Martindale's 29th		
FLavor FEMA 1-1,000		Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry		
Hemostat		Merck 11th Edition		
Hepatotoxic		Huang, K. C. 1993. <i>The Pharmacology of Chinese Herbs</i> . CRC Press, Boca Raton, FL 388 pp.		
Immunostimulant		McKenna, D. J., Hughes, K., and Jones, K. 2000. <i>Green Tea Monograph</i> . Alternative Therapies, 6(3): 61-82.		
Pesticide				
 <b>TARTARIC-ACID</b>				
	Fruit	--	--	*
<b>Activities (6)</b>				
Acidifier		Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.		
Additive		Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry		
Antioxidant Synergist		Martindale's 29th		
FLavor FEMA 500-10,000		Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry		
Irritant		Zebowitz, T. C. Ed. 1989. Part VII. <i>Flavor and Fragrance Substances</i> , in Keith L. H. and Walters, D.B., eds. <i>Compendium of Safety Data Sheets for Research and Industrial Chemicals</i> . VCH Publishers, New York. 3560-4253.		
Sequestrant		Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry		